

detector for identifying target areas of a dart board which have been hit by a dart. In contrast, Applicant manually inputs the score using a plurality of number keys and cancel buttons in equal number of the display windows and two keypads, each keypad having a four digit display and electronic circuitry means for connecting and controlling the display windows.

The patent to Wiles et al does not contain the structure nor function of Applicant's claimed device. Wiles et al would have to be totally reconstructed to operate manually as Applicant's device does. The Examiner has acknowledged the fact that Wiles et al does not disclose number keys. Number keys added to Wiles et al would defeat the purpose of electronically recording each hit. The electronic circuitry means for connecting and controlling the display windows of Wiles et al does not connect nor control the display windows, numbers keys and keypads since they are non-existent.

Claims 2 and 3 are rejected under 35 U.S.C. 103(a) as being unpatentable over Wiles et al as applied to claim 1 above, and further in view of Martin et al (US 6,279,912). It is respectfully submitted that the patent to Wiles et al alone or in combination with Martin et al would not have been obvious to a person skilled in the art without Applicant's disclosure. The patent to Martin et al also relates to the monitoring of an electronic dart board and scores are not input manually as claimed by Applicant. Neither Wiles et al nor Martin et al can be used to manually input and correct the score. The cited

references are totally different art forms.

The prior art made of record and not relied upon have been noted.

The above information is believed sufficient to overcome the rejection set forth in the August 28, 2002 Office Action by the Examiner. If additional explanation is needed, please contact the undersigned at (941) 637-1970.

In view of the foregoing, a notice of allowance for the claims in the application is requested.

Respectfully submitted,

A handwritten signature in cursive script, appearing to read "Frank A. Lukasik".

Frank A. Lukasik

Attorney of Record

What is claimed is :

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1. A system for manually inputting and keeping the scores of single and multiple players playing the various games of darts, said system comprising:

a case,

said case having a ~~{front face}~~ a central display and a four digit display,

said ~~{front face}~~ central display having two orthogonal arrays of display windows formed therein for displaying representative standard dart game scores,

a plurality of number keys and cancel buttons in equal number of said display windows, and

two keypads, each keypad having a four digit display,

electronic circuitry means for connecting and controlling said display windows, said number keys and said keypads,

said circuitry means being programmed for activating and scoring a plurality of dart score games, providing control over input errors, allowing scorekeepers to recall previous scores, and making other corrections in the score displays.

2. A system for manually inputting and keeping the scores of single and multiple players playing the various games of darts according to claim 1, wherein;

said keypad comprises a four column by five row cross point matrix configuration for generating a numeric value/function command,

said electronic circuitry means having a microprocessor,

said microprocessor comprises processing firmware, a read only memory, programmed to contain the instructions in the source code list, and a microprocessor data/command input-output generator and computational device, and

each of said display windows comprises a seven segment display using light emitting diode arrays which are separate elements arranged in a straight line figure eight for displaying the desired numeric values 0 - 9.

3. A system for manually inputting and keeping the scores of single and multiple players playing the various games of darts, said system comprising:

a case,

said case having a ~~[front face]~~, central display and a four digit display,

said [front face] central display having;

two orthogonal arrays of display windows formed therein for displaying representative standard game scores, each of said display windows comprising a seven segment display using light emitting diode arrays which are separate elements arranged in a straight line figure eight for displaying the desired numeric values 0 - 9,

a plurality of number keys and cancel buttons equal in number to the number of said display windows,

two keypads, each keypad having a four by five row cross point matrix configuration for generating a numeric value/function command,

electronic circuitry means for connecting and controlling said display windows, said number keys and said keypads, said electronic circuitry means having a microprocessor, and

said microprocessor having processing firmware, a read only memory, programmed to contain the instructions in the source code list, and a microprocessor input-output generator and computational device.

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